

Occultation prediction for Nederland midden

E. Longitude 5 0 0.0, Latitude S2 0 0.0, Alt. 0m;

day	Time	P	Star	Sp	Mag	Mag	%	Elon	Sun	Moon	CA	PA	VA	AA	Libration	A	B	RV	Cct	durn	R.A. (J2000)	Dec	Mdist	SV											
y	m	d	h	m	s	No	D	v	r	V	ill	Alt	Alt	Az	o	o	o	o	L	B	m/o	m/o	"/s	o	sec	h	m	s	o	m	s	Mm	m/s		
26	Jul	5	0	54	8.9	r	146276	F8	8.2	7.9	78-	123		21	137	23S	181	206	202	-6.5	-0.1	+0.3+2.2	.233	-123.6		22	43	26.2	-	8	25	7	389.5	795.8	
26	Jul	5	1	5	56.7	r	X183491D		7.9	7.8	77-	123		22	140	63S	221	244	242	-6.5	-0.1	+0.9+1.7	.402	-164.2		22	43	3.3	-	8	18	40	389.4	788.9	
X183491 is double: BA 7.9 6.8 2.4" 126.8, dT = +0.42sec																																			
X183491 is a close double. Observations are highly desired																																			
26	Jul	5	1	5	57.4	R	3333SA5		6.4		77-	123		22	140	63S	221	244	241	-6.5	-0.1	+0.9+1.7	.402	-164.0		22	43	3.4	-	8	18	41	389.4	788.9	
3333 is quadruple: AB 6.79 7.88 2.37" 306.8, dT = -0.41sec : AC 6.8 11.4 70" 355.8, dT = +124sec : AD 6.8 14.2 75" 278.1, dT = -100sec																																			
3333 is a close double. Observations are highly desired																																			
26	Jul	5	2	13	49	m	146287	A5	8.0	7.9v	77-	123		-9	28	157	13N	324	338	345	-6.7	-0.2	+9.9+9.9	.000	90.0		22	44	35.7	-	7	37	2	388.6	763.6
146287 = HIP 112283, 8.06 to 8.12, Hp, Type DSCT, Period 0.07705 days																																			
26	Jul	5	2	33	41	Gr	146294	F0	8.6	8.4	77-	123		-7	29	**	GRAZE: CA	14.1N;	Dist.	30km	in	az.	118deg.	[Lat = 51.44+1.13(E.Long-5.00)]											
26	Jul	5	2	34	14	m	146294	F0	8.6	8.4	77-	123		-7	29	163	14N	324	334	344	-6.7	-0.2	+9.9+9.9	.000	90.0		22	45	6.8	-	7	33	55	388.4	759.5
26	Jul	6	0	1	24.9	r	3454	K0	7.6	7.1	69-	112		14	113	56S	212	247	234	-6.8	-1.4	+0.4+2.0	.426	-153.6		23	27	14.7	-	2	38	13	386.0	890.6	
26	Jul	6	0	38	28.8	r	146716pG0		8.4	8.2	68-	112		19	121	65S	222	254	243	-6.9	-1.5	+0.6+1.9	.443	-164.3		23	28	5.7	-	2	27	33	385.3	858.9	
146716 is triple: AB 9.2 9.2 0.20" 79.6, dT = +0.36sec : AC 8.5 8.1 57" 45.9, dT = +129sec																																			
146716 is a close double. Observations are highly desired																																			
26	Jul	6	0	40	38.5	r	146717PF2		8.1	7.9	68-	112		20	122	66S	222	254	244	-6.9	-1.5	+0.6+1.9	.443	-165.1		23	28	8.5	-	2	26	53	385.3	857.2	
146717 is double: AB 8.1 8.5 57" 225.9, dT = -128sec																																			
26	Jul	6	1	32	48	M	3459	K0	6.4	5.8	68-	111		-12	27	133	11N	325	352	347	-7.0	-1.6	+9.9+9.9	.000	90.0		23	29	27.0	-	1	47	28	384.4	821.4
R3459 = 11 Piscium																																			
26	Jul	6	5	11	31.3	r	3474kA2		5.9	5.8	67-	110		13	36	196	83S	239	229	261	-7.5	-2.0	+1.2+0.4	.416	173.5		23	34	9.0	-	1	14	51	382.8	777.0
R3474 = 14 Piscium																																			
26	Jul	7	1	40	9.8	R	30SA0		7.1	7.1	58-	99		-11	28	122	44N	292	324	314	-7.0	-2.9	+1.5+1.2	.261	123.5		0	15	57.3		4	15	4	379.5	870.3
30 is triple: AB 7.0 14.1 0.8" 246.0, dT = -2.1sec : AC 7.0 12.2 5.0" 347.2, dT = -11sec																																			
30 is a close double. Observations are highly desired																																			
26	Jul	8	0	8	38.9	r	109610dG5		7.8	7.3	48-	87		12	90	86N	252	290	273	-6.7	-4.0	+0.1+1.7	.552	169.2		1	1	42.9		9	44	46	376.21025.7		
109610 is double: AB 7.3 11.5 1.0" 225.0, dT = -1.6sec																																			
109610 is a close double. Observations are highly desired																																			
26	Jul	9	0	6	20.1	r	277DF5		8.2		37-	74		9	76	81S	242	281	262	-6.0	-4.9	-0.2+1.6	.613	-178.0		1	53	14.3		15	26	0	371.51105.5		
277 is double: AB 8.75 8.97 1.07" 262.7, dT = -1.6sec																																			
277 is a close double. Observations are highly desired																																			
26	Jul	9	2	24	17.7	R	289	G0	7.8	7.3	36-	73		-8	30	102	43S	204	243	223	-6.0	-5.1	-0.1+2.2	.430	-143.2		1	58	38.4		15	55	48	368.8	960.9
26	Jul	10	2	7	37.2	r	75635cF2		8.8	8.6	25-	60		-10	23	85	18S	184	225	200	-4.8	-5.6	-0.8+2.6	.275	-117.5		2	55	5.1		20	48	1	364.81052.4	

y	m	d	h	m	s	P	Star No	Sp D	Mag v	Mag r V	% ill	Elon Alt	Sun Alt	Moon Alt	Az	CA o	PA o	VA o	AA o	Libration L	A B m/o m/o	RV "/s	Cct o	durn sec	R.A. (J2000) h m s	Dec o m s	Mdist Mm	SV m/s				
26	Jul	10	3	25	12.5	D	440SA2		4.7		25-	59	-2	35	99	-67S	99	140	115	-4.8	-5.7	+0.8+1.3	.456	-34.0	2	59	12.7	21	20	25	363.4	970.2
R440 = epsilon Arietis																																
440 is triple: AB 5.17 5.57 1.27" 210.6, dT = -1sec : AC 5.2 12.7 146" 192.0, dT = -17sec																																
440 is a close double. Observations are highly desired																																
26	Jul	10	3	25	13.1	d	X 54005DA2		5.6	5.5	25-	59	-2	35	99	-67S	99	140	115	-4.8	-5.7	+0.8+1.3	.456	-34.0	2	59	12.7	21	20	24	363.4	970.2
X 54005 is double: BA 5.6 5.2 1.3" 30.6, dT = +1sec																																
X 54005 is a close double. Observations are highly desired																																
26	Jul	10	4	15	55.1	R	440SA2		4.7		24-	59	5	42	111	44S	210	249	226	-4.8	-5.8	+0.2+2.3	.432	-145.9	2	59	12.7	21	20	25	362.6	917.8
R440 = epsilon Arietis																																
440 is triple: AB 5.17 5.57 1.27" 210.6, dT = -2.9sec : AC 5.2 12.7 146" 192.0, dT = -320sec																																
440 is a close double. Observations are highly desired																																
26	Jul	10	4	15	56.8	r	X 54005DA2		5.6	5.5	24-	59	5	42	111	44S	210	249	226	-4.8	-5.8	+0.2+2.3	.432	-146.0	2	59	12.7	21	20	24	362.6	917.8
X 54005 is double: BA 5.6 5.2 1.3" 30.6, dT = +2.9sec																																
X 54005 is a close double. Observations are highly desired																																
26	Jul	11	0	9	19.8	r	76249SA0		7.5	7.5s	16-	48		2	51	78S	250	281	262	-3.5	-5.7	-0.6+1.1	.706	-174.8	3	49	56.6	24	20	56	363.4	1249.3
76249 is triple: AC 7.5 12.6 39" 228.8, dT = -52sec : AB 7.5 12.4 63" 52.7, dT = +86sec																																
76249 = NSV 15799, 7.4 to 7.5, pg, Type VAR:																																
26	Jul	11	0	21	21.4	R	76259cA2		7.4	7.4	16-	48		3	53	79N	273	306	285	-3.5	-5.7	-0.5+1.1	.668	161.7	3	50	28.1	24	29	44	363.2	1238.3
76259 is double: ** 7.6 8.8 0.015" 114.0, dT = +0.02sec																																
76259 has been reported as non-instantaneous (OCc 252). Observations are highly desired																																
26	Jul	11	0	41	19.3	R	76273 F2		8.9	8.7	16-	47		6	57	87N	265	299	276	-3.4	-5.7	-0.4+1.2	.681	169.7	3	51	27.2	24	31	7	362.9	1219.0
26	Jul	12	2	6	48.9	R	76904SG5		8.2	7.9	8-	32	-10	10	59	31S	212	249	218	-1.4	-5.5	-0.8+1.8	.459	-131.9	5	1	46.3	26	39	3	359.4	1198.5
76904 is triple: Ca,Cb 8.5 9.7 63.0, dT = 0.00sec : C,AB 8.3 6.8 78" 339.0, dT = +102sec																																
26	Jul	12	2	8	19.2	R	750SG2		6.9		8-	32	-10	10	59	38S	219	255	224	-1.4	-5.5	-0.7+1.7	.512	-138.2	5	1	44.3	26	40	16	359.3	1196.7
750 is triple: AB 7.07 9.01 0.19" 227.7, dT = -0.36sec : AB,C 6.8 8.3 78" 159.0, dT = -77sec																																
750 has been reported as non-instantaneous (S 461). Observations are highly desired																																
26	Jul	12	3	1	4.0	r	76945 A2		7.5	7.4	8-	32	-5	17	68	12S	193	233	199	-1.3	-5.6	-1.2+2.8	.259	-113.4	5	4	50.1	26	43	15	358.5	1137.6
26	Jul	16	13	7	51	M	1434wM2		5.4	4.5s	7+	30	55	51	164	13N	32	42	14	+6.0	-0.2	+9.9+9.9	.000	90.0	9	43	43.9	14	1	18	362.9	812.9
R1434 = psi Leonis																																
1434 is double: AB 5.5 11.6 283" 138.9																																
1434 = NSV 4594, 5.35 to 5.39, V, Type LB																																
26	Jul	16	13	8	48	Gr	1434wM2		5.4	4.5s	7+	30	57	54	** GRAZE:	CA 13.2N;	Dist.154km	in az. 215deg.	[Lat = 50.30-0.43(E.Long-5.00)]													
26	Jul	18	11	56	30.5	d	1652cG8		5.4	4.9	22+	55	59	24	122	77N	102	134	80	+7.8	+2.9	+0.9+1.1	.446	21.2	11	24	2.3	1	24	28	376.5	873.7
R1652 = 79 Leonis																																
1652 is double: ** 5.9 6.5 0.003" 155.0, dT = 0.00sec																																

y	m	d	h	m	s	P	Star No	Sp D	Mag v	Mag r V	% ill	Elon Alt	Sun Alt	Moon Alt	CA Az	PA o	VA o	AA o	Libration L	A B	RV "/s	Cct o	durn sec	R.A. (J2000) h m s	Dec o m s	Mdist Mm	SV m/s		
26	Jul	18	20	34	21.7	D	1685cG9		4.3	3.8	24+	59	-6	8	258	68N	93	56	71	+6.9	+3.8	+0.3	-1.7	.465	26.9	11 36 56.9	- 0 49 25	380.4	962.4
R1685 = epsilon Leonis																													
1685 is double: ** 4.5 9.0 0.10" 195.0, dT = -0.05sec																													
1685 has been reported as non-instantaneous (OCc1427). Observations are highly desired																													
26	Jul	26	21	51	52.7	d	2645 A5		6.2	6.1	93+	150		10	182	67S	103	101	104	-0.2	+6.6	+1.7	-0.2	.330	-20.0	18 17 24.1	-28 39 7	403.8	688.3
26	Jul	31	0	44	22	M	3181SA7		6.0	5.8	98-	164		24	178	19N	326	327	344	-4.8	+1.6	+9.9	+9.9	.000	90.0	21 44 1.0	-14 44 58	392.9	744.9
R3181 = 45 Capricorni																													
3181 is triple: ** 6.7 6.7 0.050" : AB 5.4 9.5 4.3" 229.0																													
3181 has been reported as non-instantaneous (OCc1610). Observations are highly desired																													
Distance of 3181 to Terminator = 4.0"; to 3km sunlit peak = 0.0"																													
26	Jul	31	3	14	46.1	r	164647 F3		7.7	7.4	98-	163	-7	17	216	82S	246	224	264	-5.2	+1.3	+1.0	-0.5	.420	169.6	21 47 10.3	-14 30 50	393.3	813.5
26	Jul	31	23	48	32.1	r	146111 G0		7.7	7.4	94-	153		25	152	78N	260	278	280	-5.3	+0.2	+1.5	+1.1	.371	155.5	22 29 4.9	- 9 44 28	389.7	770.3
26	Aug	1	23	56	24	M	3416cA3		5.6	5.5	89-	141		28	140	11N	325	348	346	-5.7	-1.3	+9.9	+9.9	.000	90.0	23 15 34.3	- 3 29 47	385.9	804.7
3416 is double: ** 6.4 6.4 0.050"																													
3416 has been reported as non-instantaneous (OCc1638). Observations are highly desired																													
Distance of 3416 to Terminator = 11.3"; to 3km sunlit peak = 1.5"																													
26	Aug	3	2	10	45.6	R	108995 K2		7.9	7.3	81-	128		40	164	76N	259	269	281	-6.1	-2.9	+1.6	+0.8	.380	153.6	0 4 37.5	2 56 14	380.8	784.6
26	Aug	4	1	28	53.1	r	116kK0		8.7	8.1	72-	116		39	135	21S	177	203	198	-5.9	-4.1	-0.3	+2.9	.242	-122.0	0 52 32.9	8 39 56	377.2	834.9
26	Aug	4	3	44	56.1	r	109530DF0		8.2	8.0	71-	115	-4	48	180	84N	251	251	273	-6.1	-4.3	+1.5	+0.6	.410	162.9	0 54 45.1	9 25 44	376.1	781.9
109530 is double: AB 8.57 9.60 3.11" 299.9, dT = -5sec																													
109530 is a close double. Observations are highly desired																													
26	Aug	4	23	21	1.6	r	92548 A3		8.1	7.9	62-	104		19	92	50S	208	248	228	-5.3	-4.9	-0.1	+2.0	.463	-147.0	1 38 27.6	13 55 42	375.51005.6	
26	Aug	5	0	2	51.8	R	244 K0		6.7	6.2	62-	104		26	100	82N	256	295	276	-5.3	-4.9	+0.4	+1.7	.508	163.7	1 39 15.4	14 17 8	374.7	962.2
R244 = 104 Piscium																													
26	Aug	5	2	17	31.7	r	92598 A3		8.9	8.8	61-	103		44	132	51S	210	238	230	-5.5	-5.1	+0.4	+2.2	.413	-152.2	1 43 42.6	14 42 8	372.7	844.4
26	Aug	5	23	29	55.6	r	92988 K2		8.4	7.9	51-	91		17	81	90N	252	292	270	-4.7	-5.6	+0.0	+1.6	.587	172.9	2 31 43.4	19 17 27	371.91066.0	
26	Aug	6	2	32	21.7	r	93031cF0		8.8		50-	90		45	118	85N	258	293	275	-4.7	-5.8	+0.9	+1.5	.474	164.6	2 37 55.1	20 3 10	368.9	879.3
93031 is double: AB 9.48 9.34 0.49" 145.0, dT = +0.4sec																													
93031 is a close double. Observations are highly desired																													
26	Aug	6	2	44	20.0	R	75489cA2		8.7	8.5v	50-	90	-11	46	121	50N	292	327	310	-4.7	-5.8	+1.6	+0.5	.311	129.7	2 38 20.6	20 15 34	368.7	869.5
75489 is double: ** 9.0 9.0 0.10" 134.0, dT = +0.3sec																													
75489 has been reported as non-instantaneous (OCc 775). Observations are highly desired																													
75489 = ASAS J023821+2015.5, 8.59, range 0.12, V, Type RRC EC ESD, Period 0.367435 days, Phase 68%																													
26	Aug	6	3	50	15.0	r	93043 G5		8.7	8.2	49-	89	-3	54	141	53S	216	240	233	-4.8	-5.9	+0.7	+2.2	.412	-153.5	2 40 41.6	20 10 53	368.0	821.6
26	Aug	7	0	22	19.4	R	512cF5		8.1	7.8	39-	78		20	77	90S	257	298	271	-3.6	-5.9	+0.0	+1.5	.599	172.6	3 31 42.4	23 38 58	367.91078.4	
512 is double: ** 9.0 9.0 0.10" 104.0, dT = +0.15sec																													
512 has been reported as non-instantaneous (OCc 761). Observations are highly desired																													

y	m	d	h	m	s	P	Star No	Sp D	Mag v	Mag r V	% ill	Elon Alt	Sun Alt	Moon Alt	Az	CA	PA	VA	AA	Libration L	B	A m/o	B m/o	RV "/s	Cct o	durn sec	R.A. (J2000) h m s	Dec o m s	Mdist Mm	SV m/s																						
26	Aug	7	0	28	55.2	R	513cK0		7.3	6.7	39-	78	21	78	84S	252	293	265		-3.6	-5.9	-0.1+1.6	.600	178.2		3	32	0.6	23	38	50	367.81070.9																				
									513 is double: ** 8.7 8.7 0.10" 90.0, dT = +0.16sec																																											
									513 has been reported as non-instantaneous (OCcl204). Observations are highly desired																																											
26	Aug	7	0	48	28.0	r	75985 GS		8.9	8.4v	39-	77	24	81	79S	247	288	260		-3.6	-6.0	+0.0+1.7	.588	-177.0		3	32	50.1	23	41	32	367.41048.8																				
									75985 = HIP 16529, 8.88, range 0.01, 6V, Type VAR, Period 1.93032 days																																											
26	Aug	7	1	15	45.9	R	75990cK0		7.5	6.9	39-	77	28	86	89S	257	299	270		-3.6	-6.0	+0.2+1.6	.567	172.6		3	33	51.4	23	49	52	366.91017.7																				
									75990 is double: ** 8.4 8.4 0.10" 85.0, dT = +0.17sec																																											
									75990 has been reported as non-instantaneous (OCc 773). Observations are highly desired																																											
26	Aug	7	2	3	43.0	r	76021kG0		8.6	8.3	38-	77	35	95	29S	197	239	210		-3.6	-6.0	-0.4+2.7	.337	-128.4		3	36	28.8	23	47	50	366.2	965.1																			
26	Aug	7	2	17	48.4	R X	66511p		8.7	8.3	38-	77	37	98	58S	226	268	239		-3.6	-6.1	+0.2+2.1	.493	-157.1		3	36	29.7	23	54	46	365.9	949.6																			
									X 66511 is double: AB 8.7 11.0 6.7" 113.1, dT = +5sec																																											
									X 66511 is a close double. Observations are highly desired																																											
26	Aug	7	3	2	5.8	R	522 GS		7.8	7.1	38-	76	-10	44	108	75N	273	313	286		-3.6	-6.1	+0.9+1.2	.465	155.6		3	37	43.5	24	15	33	365.3	904.6																		
26	Aug	7	6	3	29	M	539SB6		4.3	4.4s	37-	75	15	62	170	-7S	162	169	175		-3.8	-6.3	+9.9+9.9	.000	-90.0		3	45	12.5	24	28	2	363.6	787.0																		
									R539 = Taygeta = 19 Tauri																																											
									539																																											
									539 is multiple: Aa,Ab 4.6 6.1 : AB 0.047" 81.7 : AC 4.3 14.0 53" 53.4 : AB 4.3 11.0 72" 328.8																																											
									539 is a close double. Observations are highly desired																																											
									539 = NSV 1264, 4.30, range 0.00, 1Kp, Type SPB, Period 1.5664 days																																											
26	Aug	7	6	4	47	Gr	539SB6		4.3	4.4s	37-	75	16	61	** GRAZE: CA	-6.3S;	Dist.149km	in az.	339deg.	[Lat = 53.44+0.24(E.Long-5.00)]																																
26	Aug	7	6	40	10.6	r	542pB8		5.8	5.8	37-	75	21	63	188	13S	182	177	194		-3.9	-6.3	+0.3+6.6	.140	-108.4		3	45	54.5	24	33	16	363.5	781.0																		
									R542 = Asterope = 21 Tauri																																											
									542																																											
									542 is triple: AB 5.8 6.4 150" 130.1, dT = -660sec : AD 5.8 12.7 170" 74.1, dT = +372sec																																											
26	Aug	7	6	53	31.9	r	538pB8		5.7	5.7	37-	75	23	63	195	82N	267	256	279		-3.9	-6.3	+1.5-0.1	.432	167.5		3	45	9.7	24	50	21	363.5	780.7																		
									R538 = 18 Tauri																																											
									538																																											
									538 is quadruple: Aa,Ab 6.4 6.4 0.10" : AB 5.6 14.0 72" 128.9, dT = +123sec : AC 5.6 14.8 151" 175.1, dT = +8sec																																											
									538 is a close double. Observations are highly desired																																											
26	Aug	7	8	25	38.9	r	555 K5		6.4	5.6s	36-	74	37	55	232	86N	263	231	275		-4.1	-6.3	+1.3-0.7	.455	175.2		3	48	6.5	24	59	18	363.8	804.8																		
									555 = NSV 1316, 6.44, range 0.02, 0V, Type VAR, Period 1.48987 days																																											
26	Aug	8	23	53	14.4	r	77330cB8		8.8	8.7E	18-	51	3	48	84N	278	308	280		-1.0	-5.2	-0.5+0.9	.686	167.6		5	37	40.8	27	16	17	364.41241.1																				
									77330 is double: ** 9.3 9.8																																											
									77330 = ET Tau, 9.1 to 10.1, pg, Type EA/SD, Period 5.996879 days, Phase 27%																																											
26	Aug	9	0	44	59.4	R	77379 A		8.3	8.1v	18-	50	9	57	57N	304	340	307		-0.9	-5.3	-0.1+0.8	.519	140.4		5	40	32.5	27	26	34	363.61188.1																				
									77379 = V1164 Tau, 8.18 to 8.48, V, Type GCAS																																											
26	Aug	9	0	47	34.0	R	77389 A0		8.1	8.1	18-	50	9	57	24S	206	242	208		-0.9	-5.3	-1.0+2.1	.350	-121.3		5	41	9.2	27	2	44	363.61185.6																				
26	Aug	9	1	55	45.4	R	77466 B9		7.9	7.8	18-	50	18	69	73S	255	296	257		-0.7	-5.3	-0.2+1.5	.622	-171.2		5	43	49.0	27	17	46	362.61106.7																				
26	Aug	9	3	16	56.6	R	77563 A3		8.2	8.0	17-	49	-8	30	83	50N	312	356	314		-0.7	-5.4	+0.8+0.4	.385	131.8		5	47	45.2	27	38	9	361.31010.1																			

y	day	Time	P	Star	Sp	Mag	Mag	%	Elon	Sun	Moon	CA	PA	VA	AA	Libration	A	B	RV	Cct	durn	R.A. (J2000)	Dec	Mdist	SV						
	m	d	h	m	s	v	r	V	ill	Alt	Alt	Az	o	o	o	o	L	B	m/o	m/o	"/s	o	sec	h	m	s	o	m	s	Mm	m/s
26	Aug	9	3 46 54.7	R	77588cB8	7.7	7.7	17-	49	-5	34	88	63S	246	290	247	-0.7	-5.4	+0.2+1.9	.527	-161.0	5 48 49.0	27 21 50	360.8	975.0						
77588 is double: 8.1 9.1																															
26	Aug	9	4 8 58.8	r	77604 K0	7.0	6.2	17-	48	-2	38	92	82N	281	325	283	-0.7	-5.4	+0.7+1.1	.522	163.7	5 49 38.1	27 33 3	360.5	950.2						
26	Aug	9	4 41 11.3	d	890cA0	4.6	4.6s	17-	48	3	42	98	-68N	71	115	73	-0.7	-5.4	+0.5+1.8	.510	14.1	5 53 19.6	27 36 44	360.1	918.2						
R890 = 136 Tauri																															
890 is double: ** 4.8 6.3 0.050" 270.0, dT = -0.09sec																															
890 has been reported as non-instantaneous (OCc 206). Observations are highly desired																															
890 = NSV 2696, 4.50 to 4.61, V																															
26	Aug	9	5 44 18.4	R	890cA0	4.6	4.6s	16-	48	12	52	113	83N	281	321	282	-0.7	-5.4	+1.1+0.8	.478	166.1	5 53 19.6	27 36 44	359.3	858.3						
R890 = 136 Tauri																															
890 is double: ** 4.8 6.3 0.050" 270.0, dT = -0.1sec																															
890 has been reported as non-instantaneous (OCc 206). Observations are highly desired																															
890 = NSV 2696, 4.50 to 4.61, V																															
26	Aug	9	9 24 7.7	r	909SB9	6.0	5.9s	15-	46	44	64	207	84N	280	261	281	-1.0	-5.4	+1.3-0.8	.461	176.0	6 1 0.5	27 34 21	358.3	802.4						
909 is triple: Aa,Ab 6.1 9.2 194.0, dT = 0.00sec : AB 6.1 12.4 9.5" 242.4, dT = -16sec																															
909 is a close double. Observations are highly desired																															
909 = NSV 16751, 6.04, range 0.01, 2V, Type VAR, Period 9.26012 days																															
26	Aug	10	1 1 44.1	r	78736 K2	8.4	7.8	10-	36		3	49	71N	299	330	294	+0.7	-4.3	-0.3+0.7	.627	153.9	6 47 6.5	26 17 51	363.11228.7							
26	Aug	10	1 11 8.4	r	78744 A0	8.5	8.4	10-	36		3	51	74S	263	295	259	+0.8	-4.3	-0.5+1.1	.683	-170.7	6 47 27.5	26 7 46	363.01218.9							
26	Aug	10	2 13 22.4	R	78792 K0	8.3	7.7	9-	36		11	61	64N	306	343	302	+0.9	-4.3	+0.0+0.7	.542	145.9	6 50 47.9	26 17 58	362.21150.2							
26	Aug	10	2 16 15	Gr	78810 A3	8.0	7.8	9-	36		13	**	GRAZE: CA 7.4N; Dist.117km in az. 318deg. [Lat = 53.42+0.56(E.Long-5.00)]																		
26	Aug	10	2 21 58.7	R	78810 A3	8.0	7.8	9-	36		12	63	25N	345	23	341	+0.9	-4.3	+1.2-1.4	.189	106.9	6 51 53.4	26 24 1	362.01140.8							
26	Aug	10	2 43 23.5	R	78817 K7	8.6	7.8	9-	35		15	67	80N	290	329	285	+0.9	-4.3	+0.0+1.0	.606	162.4	6 52 4.4	26 13 6	361.71114.6							
26	Aug	11	3 39 50	m	1200 K0	6.9	6.4	3-	21	-6	12	67	8N	10	48	359	+2.6	-3.0	+9.9+9.9	.000	90.0	7 59 42.6	23 10 58	362.31110.0							
26	Aug	22	21 8 58.4	d	2586cB3	6.0	6.0	75+	120		7	201	67N	64	49	63	+0.3	+6.8	+1.2-0.5	.345	18.4	17 58 39.0	-28 45 33	403.7	711.1						
2586 is double: ** 6.3 7.3 0.30" 276.0, dT = -0.7sec																															
2586 has been reported as non-instantaneous (OCc1519). Observations are highly desired																															
26	Aug	28	4 36 39.3	D	3286 K0	7.2	6.4	10E	179	-2	2	251	65U	114	77	134	-5.4	-0.1	+0.7-3.1	.291	-55.2	22 24 7.6	-10 11 52	390.2	965.8						
26	Aug	28	23 37 19.3	r	146450kK2	8.4	7.8	99-	171		32	169	83N	251	257	272	-5.1	-1.0	+1.5+0.7	.397	162.2	23 1 30.8	-5 32 3	384.1	776.1						
Distance of 146450 to Terminator = 12.3"; to 3km sunlit peak = 3.4"																															
26	Aug	29	22 0 17.8	r	146891DF8	7.9	7.6	97-	159		27	129	81N	252	280	274	-4.9	-2.3	+1.0+1.6	.441	163.6	23 46 0.1	0 15 43	381.4	849.3						
146891 is double: AB 8.22 9.57 2.68" 220.5, dT = -5sec																															
146891 is a close double. Observations are highly desired																															
26	Aug	29	22 23 19.0	R	3502 G5	7.2	6.7	97-	159		30	135	43N	289	315	311	-4.9	-2.3	+1.8+1.0	.261	125.4	23 46 34.6	0 31 48	381.0	834.8						

